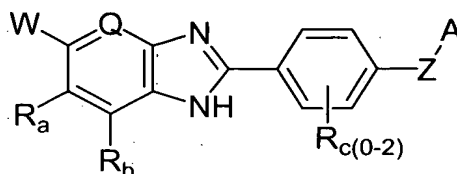


What is claimed is:

1. A compound of formula (I):



- 5 wherein

W is $-\text{COOH}$, $-(\text{CO})\text{NH}_2$, or $-(\text{SO}_2)\text{NH}_2$;

Q is N or CH;

R_a and R_b are independently selected from -H and halogen;

R_c is absent or is independently selected from the group consisting of $-\text{OH}$,

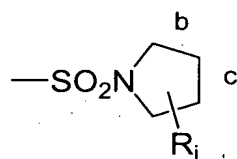
- 10 $-\text{CF}_3$, $-\text{C}_{1-4}\text{alkyl}$, $-\text{OC}_{1-4}\text{alkyl}$, $-\text{NO}_2$ and halo;

Z is selected from the group consisting of

a) $>\text{C}=\text{O}$, $>\text{C}=\text{CHR}_f$, $>\text{CR}_d\text{R}_d$, $>\text{CF}_2$, $>\text{CR}_d\text{OR}_e$, $>\text{C}(\text{OR}_d)\text{OR}_e$,

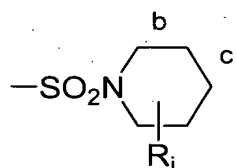
b) $>\text{C}(\text{R}_d)\text{NR}_d\text{R}_g$,

c) $-\text{SO}_2\text{NR}_d\text{C}(\text{R}_h)_2$,



- 15

where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



- 20

where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>\text{NC}_{1-4}\text{alkyl}$, where the alkyl is optionally substituted with a substituent selected from the group consisting of $-\text{NH}_2$, $-\text{NHC}_{1-4}\text{alkyl}$, $-\text{N}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{CONH}_2$, $-\text{CONHC}_{1-4}\text{alkyl}$, $-\text{CON}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{COOH}$, $-\text{COOC}_{1-4}\text{alkyl}$, $-\text{OH}$ and $-\text{OC}_{1-4}\text{alkyl}$;

- 25 R_d is independently selected from the group consisting of -H and $-\text{C}_{1-4}\text{alkyl}$;

- R_e is independently selected from the group consisting of -H and optionally mono- or di-substituted $-C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}alkyl$, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$, $-CN$, $-OH$ and $-OC_{1-4}alkyl$;
- 5 alternatively, R_d and R_e may be taken together with their atoms of attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0 or 1 additional heteroatom members separated from an atom of attachment by at least one carbon member and selected from O, S, $-N=$, $>NH$ or $>NC_{1-4}alkyl$ and having a maximum of two heteroatom ring members;
- 10 R_f is independently selected from the group consisting of -H, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$ and optionally mono- or di-substituted $C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}alkyl$, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$, $-CN$, $-OH$ and $-OC_{1-4}alkyl$;
- 15 R_g is independently selected from the group consisting of -H and optionally mono- or di-substituted $-C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}alkyl$, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$, $-CN$, $-OH$ and $-OC_{1-4}alkyl$;
- 20 alternatively, R_d and R_g may be taken together with their nitrogen of common attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0 or 1 additional heteroatom members separated from the atom of common attachment by at least one carbon member and selected from O, S, $-N=$, $>NH$ or $>NC_{1-4}alkyl$;
- 25 R_h is independently selected from the group consisting of -H, and optionally mono- or di-substituted $C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}alkyl$, $-N(C_{1-4}alkyl)_2$, $-CN$, $-OH$ and $-OC_{1-4}alkyl$; or, alternatively, R_h is $-CH_2CH_2-$ or
- 30

-CH₂CH₂CH₂-, optionally substituted with R_i, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring;

R_i is independently selected from the group consisting of -H, -OH, -OC₁₋₄alkyl and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

A is selected from the group consisting of:

10 a) phenyl, optionally mono-, di- or tri-substituted with R_p;

R_p is selected from the group consisting of -OH, -C₁₋₆alkyl, -OC₁₋₆alkyl, -C₃₋₆cycloalkyl, -OC₃₋₆cycloalkyl, -CN, -NO₂, -N(R_y)R_z (wherein R_y and R_z are independently selected from -H or -C₁₋₆alkyl, or may be taken together with the nitrogen of attachment to form an otherwise aliphatic hydrocarbon ring, said ring having 5 to 7 members, optionally having one carbon replaced with >O, =N-, >NH or >N(C₁₋₄alkyl) and optionally having one or two unsaturated bonds in the ring), -(C=O)N(R_y)R_z, -(N-R_t)COR_t (wherein R_t is independently -H or -C₁₋₆alkyl), -(N-R_t)SO₂C₁₋₆alkyl, -(C=O)C₁₋₆alkyl, -(S=(O)_n)-C₁₋₆alkyl (wherein n is selected from 0, 1 or 2), -SO₂N(R_y)R_z, -SCF₃, halo, -CF₃, -OCF₃, -COOH, -C₁₋₆alkylCOOH, -COOC₁₋₆alkyl and -C₁₋₆alkylCOOC₁₋₆alkyl;

25 b) phenyl, attached at two adjacent ring members to a C₃₋₅alkyl moiety to form a fused 5 to 7 membered ring, said fused ring optionally having a second unsaturated bond, said fused ring optionally having one or two members replaced with =N-, >O, >NH or >N(C₁₋₄alkyl) except that no such replacement is permitted where the fused ring is 5 membered and has a second unsaturated bond, and said fused ring optionally having one carbon member replaced with >C=O, the fused rings optionally mono-, di- or tri-substituted with R_p;

30 c) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment,

having one or two carbon atoms replaced by N, and optionally mono- or di-substituted with R_p ;

- 5 d) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a three membered hydrocarbon moiety to form a fused five membered aromatic ring, which moiety has one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$ and which moiety has up to one additional carbon atom optionally replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- 10 e) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- 15 f) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$, having up to one additional carbon atom optionally replaced by N, and optionally mono- or di-substituted with R_p ;
- 20 g) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- 25
- 30

- h) a 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 heteroatom members selected from O, S, -N=, >NH or >NR_p, having 0, 1 or 2 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0, 1 or 2 substituents R_p,
- 5 i) a benzo fused 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 additional heteroatom members selected from O, S, -N=, >NH or >NR_p, having 0 or 1 additional unsaturated
- 10 bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0, 1, 2, or 3 halo substituents on the benzene ring only and having 0, 1 or 2 substituents R_p,
- and enantiomers, diastereomers and pharmaceutically acceptable salts, esters or amides thereof.
- 15
2. The compound of claim 1 wherein W is -(CO)NH₂.
3. The compound of claim 1 wherein Q is CH.
- 20 4. The compound of claim 1 wherein R_a and R_b are -H, -Cl or -F.
5. The compound of claim 1 wherein R_a is -H and R_b is -Cl or -F.
6. The compound of claim 1 wherein R_a and R_b are -H.
- 25 7. The compound of claim 1 wherein R_c is absent or is selected from the group consisting of -OH, -CH₃, -CH₂CH₃, -F, -Cl, -Br, -I, -CF₃ and -OCH₃.
8. The compound of claim 1 wherein R_c is selected from the group
- 30 consisting of -F, -Cl, -CH₃ and -OCH₃.
9. The compound of claim 1 wherein R_c is absent.

10. The compound of claim 1 wherein R_d is selected from the group consisting of -H, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃.

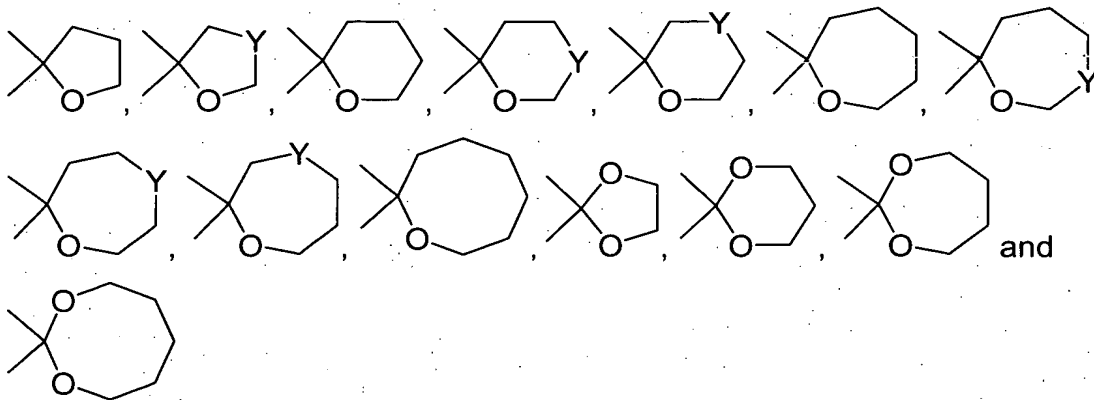
5 11. The compound of claim 1 wherein R_d is selected from the group consisting of -H, -CH₃ and -CH₂CH₃.

12. The compound of claim 1 wherein R_e is selected from the group consisting of -H, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃,
10 -CH(CH₃)CH₂CH₃ and -C(CH₃)₃, where the alkyl members are optionally mono- or di-substituted.

13. The compound of claim 1 wherein R_e is selected from the group consisting of -H, -CH₃ and -CH₂CH₃, where the alkyl members are optionally
15 mono- or di-substituted.

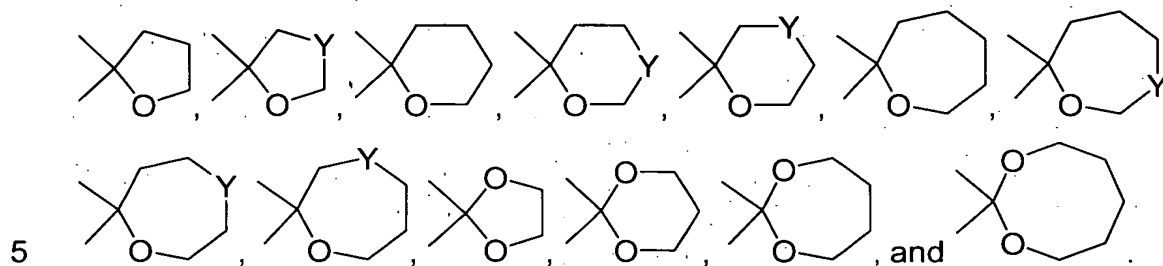
14. The compound of claim 1 wherein R_e is -H or -CH₃.

15. The compound of claim 1 wherein R_d and R_e taken together with their
20 atoms of attachment form a heterocyclic ring selected from the group consisting of



25 said heterocyclic ring having 0 or 1 unsaturated bonds and having 0, 1 or 2 carbon members which is a carbonyl, where Y is selected from O, S, -N=, >NH or >NC₁₋₄alkyl.

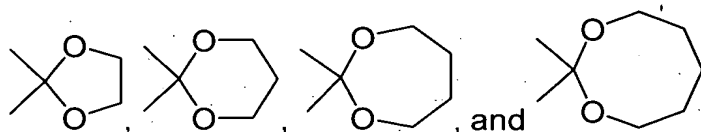
16. The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of



where Y is selected from O, >NH or >NC₁₋₄alkyl.

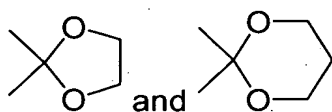
17. The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of

10



18. The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of

15



19. The compound of claim 1 wherein R_f is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CONHCH₂CH₃, -CON(CH₃)₂,
 20 -CON(CH₂CH₃)₂, -COOH, -COOCH₃, -COOCH₂CH₃, -CH₃, -CH₂CH₃,
 -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃,
 where the alkyl members are optionally mono- or di-substituted.

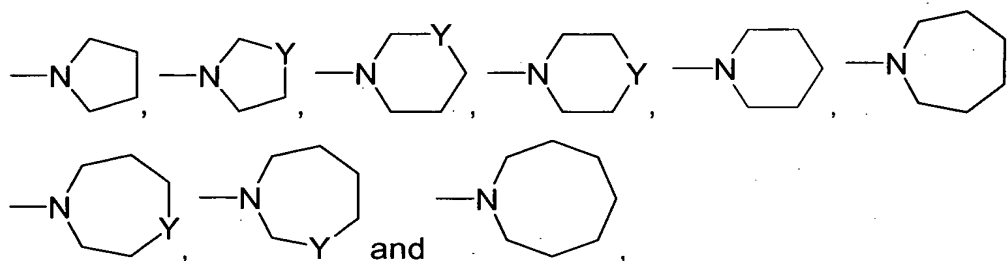
20. The compound of claim 1 wherein R_f is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CON(CH₃)₂, -COOH, -COOCH₃, -CH₃
 25 and -CH₂CH₃, where the alkyl members are optionally mono- or di-substituted.

21. The compound of claim 1 wherein R_f is selected from the group consisting of $-H$ and $-CH_3$.

5 22. The compound of claim 1 wherein R_g is selected from the group consisting of $-H$, $-CH_3$, $-CH_2CH_3$, $-CH_2CH_2CH_3$, $-CH(CH_3)_2$, $-CH_2CH_2CH_2CH_3$, $-CH(CH_3)CH_2CH_3$ and $-C(CH_3)_3$, where the alkyl moieties are optionally mono- or di-substituted.

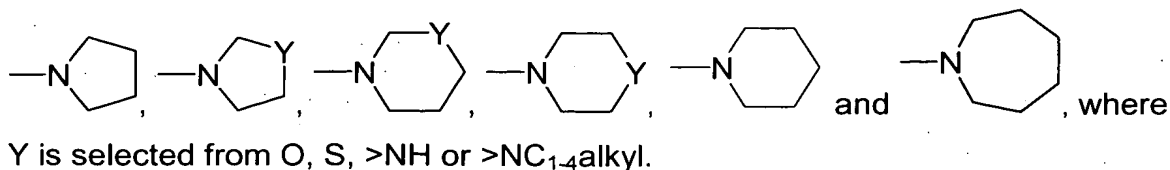
10 23. The compound of claim 1 wherein R_g is selected from the group consisting of $-H$, $-CH_3$ and $-CH_2CH_3$ where the alkyl members are optionally mono- or di-substituted.

15 24. The compound of claim 1 wherein R_d and R_g taken together with their nitrogen of attachment to form a heterocyclic ring are selected from the group consisting of

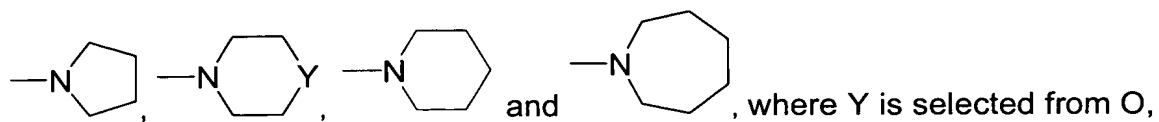


20 the heterocyclic ring having 0 or 1 unsaturated bonds and having 0, 1 or 2 carbon members which is a carbonyl, where Y is selected from O , S , $-N=$, $>NH$ or $>NC_{1-4}alkyl$.

25 25. The compound of claim 1 wherein R_d and R_g taken together with their atoms of attachment to form a heterocyclic ring are selected from the group consisting of



26. The compound of claim 1 wherein R_d and R_g taken together with their atoms of attachment to form a heterocyclic ring are selected from the group consisting of



5 S, >NH or >NC₁₋₄alkyl.

27. The compound of claim 1 wherein R_h is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CONHCH₂CH₃, -CON(CH₃)₂,
 10 -CON(CH₂CH₃)₂, -COOH, -COOCH₃, -COOCH₂CH₃, -CH₃, -CH₂CH₃,
 -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃,
 where the alkyl members are optionally mono- or di-substituted.

28. The compound of claim 1 wherein R_h is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CON(CH₃)₂, -COOH, -COOCH₃, -CH₃
 15 and -CH₂CH₃, where the alkyl members are optionally mono- or di-substituted.

29. The compound of claim 1 wherein R_h is selected from the group consisting of -H, -CH₃ and -CH₂CH₃.

20 30. The compound of claim 1 wherein R_h is -CH₂CH₂- or -CH₂CH₂CH₂-, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring.

31. The compound of claim 1 wherein R_h is -CH₂CH₂- or -CH₂CH₂CH₂-,
 25 which taken together with A forms indanyl or 1,2,3,4-tetrahydronaphthalenyl.

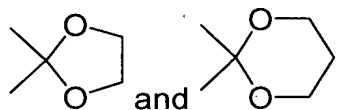
32. The compound of claim 1 wherein R_i is selected from the group consisting of -H, -OH, -OCH₃, -OCH₂CH₃, -OCH₂CH₂CH₃, -CH₃, -CH₂CH₃,
 -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃,
 30 where the directly attached alkyl members are optionally mono- or di-substituted.

33. The compound of claim 1 wherein R_i is selected from the group consisting of $-H$, $-OH$, $-OCH_3$, $-CH_3$ and $-CH_2CH_3$, where the directly attached alkyl members are optionally mono- or di-substituted.

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34. The compound of claim 1 wherein Z is selected from the group consisting of

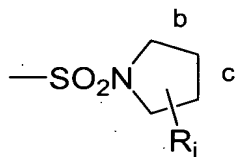
a) $>C=O$, $>C=CH_2$, $>CH_2$, $>CHC_{1-4}alkyl$, $>CF_2$, $>CHOH$, $>CHOC_{1-4}alkyl$,



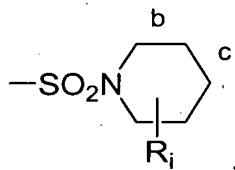
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b) $>CHNR_dR_g$,

c) $-SO_2NR_dCH(R_h)-$,



where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



15

where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

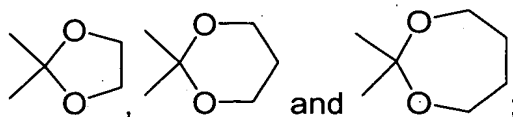
d) $>NCH_3$, $>NCH_2CH_3$, $>NCH_2CH_2CH_3$, $>NCH(CH_3)_2$, $>NCH_2CH_2CH_2CH_3$, and $>NCH(CH_3)CH_2CH_3$, where the alkyl attached to $>N$ is optionally

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substituted.

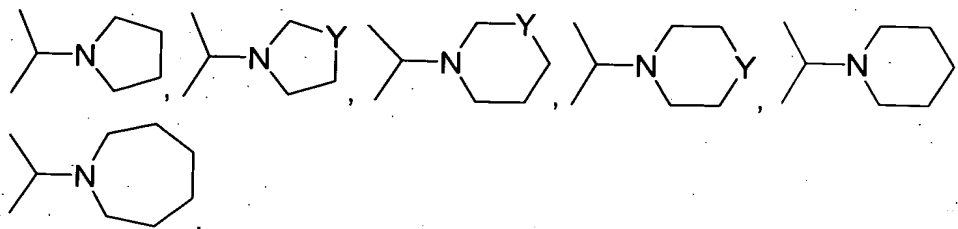
35. The compound of claim 1 wherein Z is selected from the group consisting of

a) $>C=O$, $>C=CHR_f$, $>CHR_d$, $>CF_2$, $>CHOR_e$,



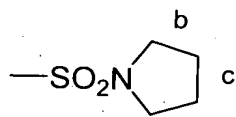
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b) $>\text{CHNHR}_g$, $>\text{CHNCH}_3\text{R}_g$,

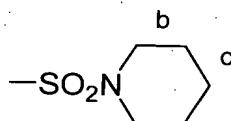


where Y is selected from O, S, -N=, $>\text{NH}$ or $>\text{NC}_{1-4}\text{alkyl}$

5 c) $-\text{SO}_2\text{NHCH}_2-$, $-\text{SO}_2\text{NCH}_3\text{CH}_2-$,



where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



10 where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>\text{NCH}_3$, $>\text{NCH}_2\text{CH}_3$, $>\text{NCH}_2\text{CH}_2\text{CH}_3$, $>\text{NCH}(\text{CH}_3)_2$, where the alkyl attached to $>\text{N}$ is optionally substituted.

15 36. The compound of claim 1 wherein A, optionally substituted with R_p , is selected from the group consisting of:

a) phenyl,

20 b) tetralin-5, 6, 7 or 8-yl, chroman-5, 6, 7 or 8-yl, benzo-1,2-pyran-5, 6, 7 or 8-yl, benzo-2,3-pyran-5, 6, 7 or 8-yl, coumarin-5, 6, 7 or 8-yl, isocoumarin-5, 6, 7 or 8-yl, benzo-1,3,2-benzoxazin-5, 6, 7 or 8-yl, benzo-1,4-dioxan-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroquinolin-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroquinoxalin-5, 6, 7 or 8-yl, thiochroman-5, 6, 7 or 8-yl, 2,3-dihydrobenzo[1,4]dithiin-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroisoquinolin-5, 6, 7 or 8-yl, indene-4, 5, 6, or 7-yl, 1, 2, 3, 4-tetrahydronaphth-5, 6, 7, or 8-yl, 25 1,2-dihydroisoindolo-4, 5, 6, or 7-yl, 2, 3-dihydroindene-4, 5, 6, or 7-yl, benzo-1,3-dioxol-4, 5, 6 or 7-yl, 2,3-dihydroindol-4, 5, 6 or 7-yl,

- 2,3-dihydrobenzofuran-4, 5, 6 or 7-yl, 2,3-dihydrobenzothiophen-4, 5, 6 or 7-yl, 2,3-dihydrobenzoimidazol-4, 5, 6 or 7-yl,
- c) pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl,
- d) benzoxazol-4, 5, 6 or 7-yl, benzothiophen-4, 5, 6 or 7-yl, benzofuran-4, 5, 6 or 7-yl, indol-4, 5, 6 or 7-yl, benzthiazol-4, 5, 6 or 7-yl, benzimidazo-4, 5, 6 or 7-yl, indazol-4, 5, 6 or 7-yl, 1H-pyrrolo[2,3-b]pyridin-4, 5 or 6-yl, 1H-pyrrolo[3,2-c]pyridin-4, 6 or 7-yl, 1H-pyrrolo[2,3-c]pyridin-4, 5 or 7-yl, 1H-pyrrolo[3,2-b]pyridin-5, 6 or 7-yl, purin-2-yl,
- e) isoquinolin-5, 6, 7 or 8-yl, quinolin-5, 6, 7 or 8-yl, quinoxalin-5, 6, 7 or 8-yl, quinazolin-5, 6, 7 or 8-yl, naphthyridinyl,
- f) furanyl, oxazolyl, isoxazolyl, thiophenyl, thiazolyl, isothiazolyl, pyrrolyl, imidazolyl, pyrazolyl, and
- g) benzoxazol-2-yl, benzothiophen-2 or 3-yl, benzofuran-2 or 3-yl, indol-2 or 3-yl, benzthiazol-2-yl, benzimidazo-2-yl, indazol-3-yl, 1H-pyrrolo[2,3-b]pyridin-2 or 3-yl, 1H-pyrrolo[3,2-c]pyridin-2 or 3-yl, 1H-pyrrolo[2,3-c]pyridin-2 or 3-yl, 1H-pyrrolo[3,2-b]pyridin-2 or 3-yl, purin-8-yl.

37. The compound of claim 1 wherein A, optionally substituted with R_p, is selected from the group consisting of:

- a) phenyl,
- b) coumarin-5, 6, 7 or 8-yl, benzo-1,4-dioxan-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroquinolin-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroisoquinolin-5, 6, 7 or 8-yl, indene-4, 5, 6, or 7-yl, 1,2,3,4-tetrahydronaph-5, 6, 7, or 8 yl, 1,2-dihydroisoindolo-4, 5, 6, or 7-yl, 2,3-dihydroindene-4, 5, 6, or 7-yl, benzo-1,3-dioxol-4, 5, 6 or 7-yl, 2,3-dihydroindol-4, 5, 6 or 7-yl, 2,3-dihydrobenzofuran-4, 5, 6 or 7-yl, 2,3-dihydrobenzothiophen-4, 5, 6 or 7-yl,
- c) pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl,
- d) benzothiophen-4, 5, 6 or 7-yl, benzofuran-4, 5, 6 or 7-yl, indol-4, 5, 6 or 7-yl,
- e) isoquinolin-5, 6, 7 or 8-yl, quinolin-5, 6, 7 or 8-yl,
- f) furanyl, oxazolyl, isoxazolyl, thiophenyl, thiazolyl, isothiazolyl, pyrrolyl, imidazolyl, pyrazolyl, and

g) benzoxazol-2-yl, benzothiophen-2 or 3-yl, benzofuran-2 or 3-yl, indol-2 or 3-yl.

38. The compound of claim 1 wherein A, optionally substituted with R_p , is selected from the group consisting of: phenyl, benzo-1,4-dioxan-5, 6, 7 or 8-yl, indene-4, 5, 6, or 7-yl, 1, 2, 3, 4-tetrahydronaph-5, 6, 7, or 8 yl, 2, 3-dihydroindene-4, 5, 6, or 7-yl, benzo-1,3-dioxol-4, 5, 6 or 7-yl, 2,3-dihydroindol-4, 5, 6 or 7-yl, 2,3-dihydrobenzofuran-4, 5, 6 or 7-yl, 2,3-dihydrobenzothiophen-4, 5, 6 or 7-yl, pyridinyl, benzothiophen-4, 5, 6 or 7-yl, benzofuran-4, 5, 6 or 7-yl, indol-4, 5, 6 or 7-yl, furanyl, thiophenyl, pyrrolyl, pyrazolyl, and benzothiophen-2 or 3-yl, benzofuran-2 or 3-yl and indol-2 or 3-yl.

39. The compound of claim 1 wherein A, including the R_p substituent, is selected from the group consisting of pyridyl, phenyl, naphthyl, quinolinyl, cyclohexyl, 4-chloro phenyl, 4-methyl-3-chloro phenyl, 4-chloro-3-trifluoromethyl phenyl, 3,4-dichloro phenyl, 3-chloro-4-fluoro phenyl, 2-fluoro-5-trifluoromethyl, 4-chloro-3-fluoro phenyl, 3,4-dimethyl phenyl, 2-naphthyl, 4-trifluoromethyl phenyl, 4-bromo phenyl, 4-fluoro-3-methyl phenyl, 3-chloro phenyl, tetrahydronaphthyl, 5-chloro-2-methyl phenyl, 3-trifluoromethyl phenyl, 4-methoxy phenyl, 4-methyl phenyl, 3,4-dimethyl phenyl, 2-fluoro-3-trifluoromethyl phenyl, 2-chloro-4-methyl phenyl, 4-ethyl phenyl, 4-fluoro phenyl, 3,4-dimethoxy phenyl, 3,4-dimethoxy-5-bromo phenyl, 3-(dimethylamino) phenyl, 4-nitro phenyl, 4-cyano phenyl, 2-methoxy-4-methyl phenyl, 4-trifluoromethoxy phenyl, 2-chloro phenyl, 4-morpholino phenyl, 3-chloro phenyl, 2,3-dichloro phenyl, benzo[1,3]dioxolyl, benzo[1,4]dioxinyl, 4-amino phenyl, 4-hydroxy phenyl, 4-bromo-3-hydroxy phenyl, 4-chloro-2-hydroxy phenyl, 4-chloro-3-hydroxy phenyl, 2,4-dichloro phenyl, 4-bromo-3-methoxy phenyl and 4-iodo phenyl.

40. The compound of claim 1 wherein A, including the R_p substituent, is selected from the group consisting of phenyl, 4-chlorophenyl, 4-methylphenyl, 4-methoxyphenyl, 2-naphthalenyl, 4-chloro-3-trifluoromethylphenyl, 3-bromo-4,5-dimethoxyphenyl, 3,4-dichlorophenyl, 3,4-dimethylphenyl, 4-ethylphenyl,

benzo[1,3]dioxolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 3-quinolinyl, 4-pyridyl, cyclohexyl, 4-tetrahydropyranyl, 2-thiophenyl, 6-chloro-benzo[1,3]dioxolyl, 2-chlorophenyl, 2,4-dichlorophenyl, 2-methoxyphenyl, 2-methylphenyl, 3-methylphenyl, and 2-furanyl.

5

41. The compound of claim 1 wherein R_p is selected from the group consisting of $-OH$, $-CH_3$, $-CH_2CH_3$, $-OCH_3$, $-OCH_2CH_3$, $-OCH(CH_3)_2$, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, $-O$ cyclopentyl, $-O$ cyclohexyl, $-CN$, $-NO_2$, $-C(O)NH_2$, $-C(O)N(CH_3)_2$, $-C(O)NH(CH_3)$, $-NHCOCH_3$,
 10 $-NCH_3COCH_3$, $-NHSO_2CH_3$, $-NCH_3SO_2CH_3$, $-C(O)CH_3$, $-SOCH_3$, $-SO_2CH_3$, $-SO_2NH_2$, $-SO_2NHCH_3$, $-SO_2N(CH_3)_2$, $-SCF_3$, $-F$, $-Cl$, $-Br$, I , $-CF_3$, $-OCF_3$, $-COOH$, $-COOCH_3$, $-COOCH_2CH_3$, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-N(CH_2CH_3)_2$, $-NCH_3(CH(CH_3)_2)$, imidazolidin-1-yl, 2-imidazolin-1-yl, pyrazolidin-1-yl, piperidin-1-yl, 2- or 3-pyrrolin-1-yl, 2-pyrazolinyl, morpholin-4-yl,
 15 thiomorpholin-4-yl, piperazin-1-yl, pyrrolidin-1-yl, homopiperidin-1-yl.

42. The compound of claim 1 wherein R_p is selected from the group consisting of $-H$, $-OH$, $-OCH_3$, $-OCF_3$, $-CH_3$, $-CH_2CH_3$, $-CF_3$, $-F$, $-Cl$, $-Br$, $-I$, $-NH_2$, $-N(CH_3)_2$, morpholin-4-yl, $-NO_2$, $-CN$, $-C(O)NH_2$, $-COOH$, $-NHSO_2CH_3$,
 20 $-SO_2NH_2$.

43. The compound of claim 1 selected from the group consisting of:

2-[4-(2-Phenyl-[1,3]dioxolan-2-yl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-{4-[2-(4-Chloro-phenyl)-[1,3]dioxolan-2-yl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;

2-(4-Benzoyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Chloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Methyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Methoxy-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

- 2-[4-(Naphthalene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(4-Chloro-3-trifluoromethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(3-Bromo-4,5-dimethoxy-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(3,4-Dichloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(3,4-Dimethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(4-Ethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Benzo[1,3]dioxole-5-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(2,3-Dihydro-benzo[1,4]dioxine-6-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Quinoline-3-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Pyridine-4-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-(4-Cyclohexanecarbonyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(4-Chloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-sulfonic acid amide;
- 2-[4-(Hydroxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Hydroxy-*p*-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[Hydroxy-(4-methoxy-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;

- 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(3-Bromo-4,5-dimethoxy-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(4-Ethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Benzo[1,3]dioxol-5-yl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(2,3-Dihydro-benzo[1,4]dioxin-6-yl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Hydroxy-quinolin-3-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Hydroxy-pyridin-4-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Cyclohexyl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Methoxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(4-Chloro-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-(4-Naphthalen-2-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(3,4-Dimethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
- 2-[4-(4-Ethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(2,3-Dihydro-benzo[1,4]dioxin-6-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-(4-Cyclohexylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-[1-(4-Chloro-phenyl)-vinyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-[1-(4-Chloro-phenyl)-ethyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-[(4-Chloro-phenyl)-piperazin-1-yl-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-(4-{(4-Chloro-phenyl)-[methyl-(2-methylamino-ethyl)-amino]-methyl}-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(Methyl-phenyl-amino)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-(4-Benzylsulfamoyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Methyl-benzylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Methoxy-benzylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Chloro-benzylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(3,4-Dichloro-benzylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(Benzyl-methyl-sulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(Tetrahydro-pyran-4-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(Thiophene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

2-[4-(6-Chloro-benzo[1,3]dioxole-5-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;

- 2-[4-(2-Chloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
amide;
- 2-[4-(2,4-Dichloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic
acid amide;
- 2-[4-(2-Methoxy-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
amide;
- 2-[4-(2-Methyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
amide;
- 2-{4-[Hydroxy-(tetrahydro-pyran-4-yl)-methyl]-phenyl}-1*H*-
benzoimidazole-5-carboxylic acid amide;
- 2-[4-(Hydroxy-thiophen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-
carboxylic acid amide;
- 2-{4-[(6-Chloro-benzo[1,3]dioxol-5-yl)-hydroxy-methyl]-phenyl}-1*H*-
benzoimidazole-5-carboxylic acid amide;
- 2-{4-[(2-Chloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-
carboxylic acid amide;
- 2-{4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-
benzoimidazole-5-carboxylic acid amide;
- 2-{4-[Hydroxy-(2-methoxy-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-
5-carboxylic acid amide;
- 2-[4-(Hydroxy-o-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic
acid amide;
- 2-[4-(6-Chloro-benzo[1,3]dioxol-5-ylmethyl)-phenyl]-1*H*-
benzoimidazole-5-carboxylic acid amide;
- 2-[4-(2-Methoxy-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
amide;
- 2-[4-(2-Methyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
amide;
- 2-[4-(2-Methyl-benzylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-
carboxylic acid amide;
- 2-[4-(3-Methyl-benzylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-
carboxylic acid amide;

2-[4-(1,3-Dihydro-isoindole-2-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
 2-[4-(2,3-Dihydro-indole-1-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
 (±)-2-[4-(1-Phenyl-ethylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
 (±)-2-[4-(1,2,3,4-Tetrahydro-naphthalen-1-ylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
 2-{4-[(Thiophen-2-ylmethyl)-sulfamoyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
 2-{4-[(Furan-2-ylmethyl)-sulfamoyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide;
 2-{4-[(Pyridin-4-ylmethyl)-sulfamoyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; and
 2-[4-(*S*)-Indan-1-ylsulfamoyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide.

44. The compound of claim 1 selected from the group consisting of: 2-{4-[1-(4-Chloro-phenyl)-vinyl]-phenyl}-1*H*-imidazo[4,5-*b*]pyridine-5-carboxylic acid amide; 2-{4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dihydro-1*H*-isoquinoline-2-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Thiophen-2-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Furan-3-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Furan-3-ylhydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Furan-3-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(1-Methyl-1*H*-imidazole-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(1-methyl-1*H*-imidazol-2-yl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(1-Methyl-1*H*-imidazol-2-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(5-Chloro-thiophene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(5-Chloro-thiophen-2-yl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(5-Chloro-thiophen-2-ylmethyl)-phenyl]-1*H*-

benzoimidazole-5-carboxylic acid amide; 2-[4-(Piperidine-4-carbonyl)-phenyl]-
 1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-piperidin-4-yl-
 methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Piperidin-4-
 ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Tetrahydro-
 thiopyran-4-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-
 5 {4-[Hydroxy-(tetrahydro-thiopyran-4-yl)-methyl]-phenyl}-1*H*-benzoimidazole-5-
 carboxylic acid amide; 2-[4-(Tetrahydro-thiopyran-4-ylmethyl)-phenyl]-1*H*-
 benzoimidazole-5-carboxylic acid amide; 2-[4-(Tetrahydro-pyran-4-ylmethyl)-
 phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; [[4-(5-Carbamoyl-1*H*-
 10 benzoimidazol-2-yl)-phenyl]-(4-chloro-phenyl)-methoxy]-acetic acid; 2-{4-[(2-
 Amino-ethoxy)-(4-chloro-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-5-
 carboxylic acid amide; 2-{4-[(4-Chloro-phenyl)-difluoro-methyl]-phenyl}-1*H*-
 benzoimidazole-5-carboxylic acid amide; 2-[4-(Benzo[1,3]dioxol-5-yl-difluoro-
 methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[1-(4-Chloro-
 15 phenyl)-1-methyl-ethyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-
 {4-[(4-Chloro-phenyl)-cyano-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic
 acid amide; 2-[4-((*S*)-1-Hydroxymethyl-1,3-dihydro-isoindole-2-sulfonyl)-
 phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(*R*)-1-Hydroxymethyl-
 1,3-dihydro-isoindole-2-sulfonyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
 20 amide; 2-[4-((1*R*,2*S*)-2-Hydroxy-indan-1-ylsulfamoyl)-phenyl]-1*H*-
 benzoimidazole-5-carboxylic acid amide; 2-[4-((*S*)-2-Hydroxy-1-phenyl-
 ethylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-((*R*)-
 2-Hydroxy-1-phenyl-ethylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic
 acid amide; and 2-{4-[(Pyridin-2-ylmethyl)-sulfamoyl]-phenyl}-1*H*-
 25 benzoimidazole-5-carboxylic acid amide.

45. The compound of claim 1 selected from the group consisting of: 2-[4-(4-
 Methyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-
 (Naphthalene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
 30 2-[4-(4-Chloro-3-trifluoromethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-
 carboxylic acid amide; 2-[4-(3-Bromo-4,5-dimethoxy-benzoyl)-phenyl]-1*H*-
 benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dichloro-benzoyl)-phenyl]-
 1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dimethyl-benzoyl)-

phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Ethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Cyclohexanecarbonyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid

5 amide; 2-{4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-p-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(4-methoxy-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-

10 {4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid

amide; 2-{4-[(4-Ethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Benzo[1,3]dioxol-5-yl-hydroxy-methyl)-phenyl]-1*H*-

15 benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-quinolin-3-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Chloro-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Naphthalen-2-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-

20 Dimethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Ethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(2,3-Dihydro-benzo[1,4]dioxin-6-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[1-(4-Chloro-phenyl)-vinyl]-phenyl}-1*H*-benzoimidazole-5-

carboxylic acid amide; 2-{4-[1-(4-Chloro-phenyl)-ethyl]-phenyl}-1*H*-

25 benzoimidazole-5-carboxylic acid amide; 2-[4-(1,3-Dihydro-isoindole-2-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(2,3-Dihydro-indole-1-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; (±)-2-[4-(1,2,3,4-Tetrahydro-naphthalen-1-ylsulfamoyl)-phenyl]-1*H*-

benzoimidazole-5-carboxylic acid amide; 2-{4-[(Thiophen-2-ylmethyl)-sulfamoyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; and 2-[4-

30 (Indan(S)-1-ylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide.

46. The compound of claim 1 selected from the group consisting of: 2-[4-(Naphthalene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dichloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-quinolin-3-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Chloro-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Naphthalen-2-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dimethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[1-(4-Chloro-phenyl)-vinyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[1-(4-Chloro-phenyl)-ethyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(1,3-Dihydro-isindole-2-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; and 2-[4-(*S*)-Indan-1-ylsulfamoyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide.

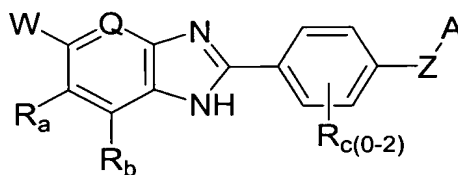
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47. The compound of claim 1 selected from the group consisting of: 2-[4-(Hydroxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-p-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[Hydroxy-(4-methoxy-phenyl)-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3-Bromo-4,5-dimethoxy-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Ethyl-phenyl)-hydroxy-

30

methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-
 (Benzo[1,3]dioxol-5-yl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic
 acid amide; 2-[4-[(2,3-Dihydro-benzo[1,4]dioxin-6-yl)-hydroxy-methyl]-phenyl]-
 1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-quinolin-3-yl-
 5 methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-
 pyridin-4-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-
 (Cyclohexyl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
 amide; 2-[4-[Hydroxy-(tetrahydro-pyran-4-yl)-methyl]-phenyl]-1*H*-
 benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-thiophen-2-yl-methyl)-
 10 phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(6-Chloro-
 benzo[1,3]dioxol-5-yl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic
 acid amide; 2-[4-[(2-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-
 benzoimidazole-5-carboxylic acid amide; 2-[4-[(2,4-Dichloro-phenyl)-hydroxy-
 methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[Hydroxy-(2-
 15 methoxy-phenyl)-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
 2-[4-(Hydroxy-*o*-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid
 amide; and 2-[4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-
 benzoimidazole-5-carboxylic acid amide.

20 48. A pharmaceutical composition comprising a pharmaceutically
 acceptable carrier and a Cds-1 inhibiting amount of a compound of the
 formula:



wherein

25 W is -COOH, -(CO)NH₂, or -(SO₂)NH₂;

Q is N or CH;

R_a and R_b are independently selected from -H and halogen;

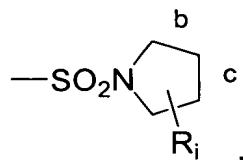
R_c is absent or is independently selected from the group consisting of -OH,
 -CF₃, -C₁₋₄alkyl, -OC₁₋₄alkyl, -NO₂ and halo;

30 Z is selected from the group consisting of

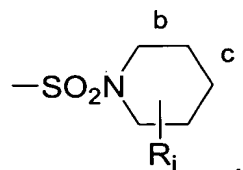
a) $>C=O$, $>C=CHR_f$, $>CR_dR_d$, $>CF_2$, $>CR_dOR_e$, $>C(OR_d)OR_e$,

b) $>C(R_d)NR_dR_g$,

c) $-SO_2NR_dC(R_h)_2-$,



- 5 where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

- 10 d) $>NC_{1-4}alkyl$, where the alkyl is optionally substituted with a substituent selected from the group consisting of $-NH_2$, $-NHC_{1-4}alkyl$, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$, $-OH$ and $-OC_{1-4}alkyl$;

R_d is independently selected from the group consisting of $-H$ and $-C_{1-4}alkyl$;

- 15 R_e is independently selected from the group consisting of $-H$ and optionally mono- or di-substituted $-C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}alkyl$, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$, $-CN$, $-OH$ and $-OC_{1-4}alkyl$;

- 20 alternatively, R_d and R_e may be taken together with their atoms of attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0 or 1 additional heteroatom members separated from an atom of attachment by at least one carbon member and selected from
25 O, S, $-N=$, $>NH$ or $>NC_{1-4}alkyl$ and having a maximum of two heteroatom ring members;

R_f is independently selected from the group consisting of $-H$, $-CONH_2$, $-CONHC_{1-4}alkyl$, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}alkyl$ and optionally

mono- or di-substituted C_{1-4} alkyl, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}$ alkyl, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}$ alkyl, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}$ alkyl, $-CN$, $-OH$ and $-OC_{1-4}$ alkyl;

5 R_g is independently selected from the group consisting of $-H$ and optionally mono- or di-substituted $-C_{1-4}$ alkyl, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}$ alkyl, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}$ alkyl, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}$ alkyl, $-CN$, $-OH$ and $-OC_{1-4}$ alkyl;

10 alternatively, R_d and R_g may be taken together with their nitrogen of common attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0 or 1 additional heteroatom members separated from the atom of common attachment by at least one
15 carbon member and selected from O, S, $-N=$, $>NH$ or $>NC_{1-4}$ alkyl;

R_h is independently selected from the group consisting of $-H$, and optionally mono- or di-substituted C_{1-4} alkyl, where the substituent is independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}$ alkyl, $-N(C_{1-4}alkyl)_2$, $-CN$, $-OH$ and $-OC_{1-4}$ alkyl; or, alternatively, R_h is $-CH_2CH_2-$ or

20 $-CH_2CH_2CH_2-$, optionally substituted with R_i , which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring;

R_i is independently selected from the group consisting of $-H$, $-OH$, $-OC_{1-4}$ alkyl and optionally mono- or di-substituted C_{1-4} alkyl, where the substituent is
25 independently selected from the group consisting of $-NH_2$, $-NHC_{1-4}$ alkyl, $-N(C_{1-4}alkyl)_2$, $-CONH_2$, $-CONHC_{1-4}$ alkyl, $-CON(C_{1-4}alkyl)_2$, $-COOH$, $-COOC_{1-4}$ alkyl, $-CN$, $-OH$ and $-OC_{1-4}$ alkyl;

A is selected from the group consisting of:

a) phenyl, optionally mono-, di- or tri-substituted with R_p ;

30 R_p is selected from the group consisting of $-OH$, $-C_{1-6}$ alkyl, $-OC_{1-6}$ alkyl, $-C_{3-6}$ cycloalkyl, $-OC_{3-6}$ cycloalkyl, $-CN$, $-NO_2$, $-N(R_y)R_z$ (wherein R_y and R_z are independently selected from $-H$ or $-C_{1-6}$ alkyl, or may be taken together with the nitrogen of

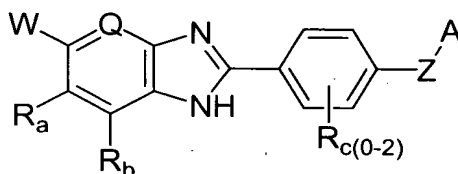
- attachment to form an otherwise aliphatic hydrocarbon ring, said ring having 5 to 7 members, optionally having one carbon replaced with $>O$, $=N-$, $>NH$ or $>N(C_{1-4}alkyl)$ and optionally having one or two unsaturated bonds in the ring), $-(C=O)N(R_y)R_z$,
 5 $-(N-R_t)COR_t$ (wherein R_t is independently $-H$ or $-C_{1-6}alkyl$),
 $-(N-R_t)SO_2C_{1-6}alkyl$, $-(C=O)C_{1-6}alkyl$, $-(S=(O)_n)-C_{1-6}alkyl$ (wherein n is selected from 0, 1 or 2), $-SO_2N(R_y)R_z$, $-SCF_3$, halo, $-CF_3$,
 $-OCF_3$, $-COOH$, $-C_{1-6}alkylCOOH$, $-COOC_{1-6}alkyl$ and
 $-C_{1-6}alkylCOOC_{1-6}alkyl$;
- 10 b) phenyl, attached at two adjacent ring members to a $C_{3-5}alkyl$ moiety to form a fused 5 to 7 membered ring, said fused ring optionally having a second unsaturated bond, said fused ring optionally having one or two members replaced with $=N-$, $>O$, $>NH$ or $>N(C_{1-4}alkyl)$ except that no such replacement is permitted where the fused ring is
 15 5 membered and has a second unsaturated bond, and said fused ring optionally having one carbon member replaced with $>C=O$, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- c) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment,
 20 having one or two carbon atoms replaced by N, and optionally mono- or di-substituted with R_p ;
- d) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having
 25 attachment at two adjacent carbon ring members to a three membered hydrocarbon moiety to form a fused five membered aromatic ring, which moiety has one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$ and which moiety has up to one additional carbon atom optionally replaced by N, the fused rings optionally
 30 mono-, di- or tri-substituted with R_p ;
- e) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having

attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;

- f) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$, having up to one additional carbon atom optionally replaced by N, and optionally mono- or di-substituted with R_p ;
- g) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- h) a 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 heteroatom members selected from O, S, $-N=$, $>NH$ or $>NR_p$, having 0, 1 or 2 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0, 1 or 2 substituents R_p ;
- i) a benzo fused 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 additional heteroatom members selected from O, S, $-N=$, $>NH$ or $>NR_p$, having 0 or 1 additional unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0, 1, 2, or 3 halo substituents on the benzene ring only and having 0, 1 or 2 substituents R_p ;

and enantiomers, diastereomers and pharmaceutically acceptable salts, esters or amides thereof.

49. A method for treating a subject suffering from cancer, said method comprising (a) administering to said subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of the formula given below, and (b) damaging the DNA of said subject by administering a DNA
5 damaging treatment or agent:



wherein

W is $-\text{COOH}$, $-(\text{CO})\text{NH}_2$, or $-(\text{SO}_2)\text{NH}_2$;

Q is N or CH;

10 R_a and R_b are independently selected from $-\text{H}$ and halogen;

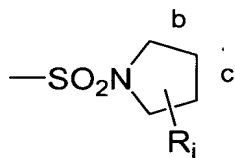
R_c is absent or is independently selected from the group consisting of $-\text{OH}$, $-\text{CF}_3$, $-\text{C}_{1-4}\text{alkyl}$, $-\text{OC}_{1-4}\text{alkyl}$, $-\text{NO}_2$ and halo;

Z is selected from the group consisting of

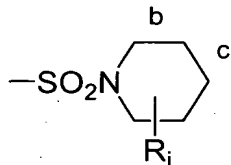
a) $>\text{C}=\text{O}$, $>\text{C}=\text{CHR}_f$, $>\text{CR}_d\text{R}_d$, $>\text{CF}_2$, $>\text{CR}_d\text{OR}_e$, $>\text{C}(\text{OR}_d)\text{OR}_e$,

15 b) $>\text{C}(\text{R}_d)\text{NR}_d\text{R}_g$,

c) $-\text{SO}_2\text{NR}_d\text{C}(\text{R}_h)_2$,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



20

where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>\text{NC}_{1-4}\text{alkyl}$, where the alkyl is optionally substituted with a substituent selected from the group consisting of $-\text{NH}_2$, $-\text{NHC}_{1-4}\text{alkyl}$, $-\text{N}(\text{C}_{1-4}\text{alkyl})_2$,

25 $-\text{CONH}_2$, $-\text{CONHC}_{1-4}\text{alkyl}$, $-\text{CON}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{COOH}$, $-\text{COOC}_{1-4}\text{alkyl}$, $-\text{OH}$ and $-\text{OC}_{1-4}\text{alkyl}$;

R_d is independently selected from the group consisting of -H and -C₁₋₄alkyl;

R_e is independently selected from the group consisting of -H and optionally mono- or di-substituted -C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂,
 5 -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

alternatively, R_d and R_e may be taken together with their atoms of attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is
 10 a carbonyl, having 0 or 1 additional heteroatom members separated from an atom of attachment by at least one carbon member and selected from O, S, -N=, >NH or >NC₁₋₄alkyl and having a maximum of two heteroatom ring members;

R_f is independently selected from the group consisting of -H, -CONH₂,
 15 -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

20 R_g is independently selected from the group consisting of -H and optionally mono- or di-substituted -C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

25 alternatively, R_d and R_g may be taken together with their nitrogen of common attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0 or 1 additional heteroatom members separated from the atom of common attachment by at least one
 30 carbon member and selected from O, S, -N=, >NH or >NC₁₋₄alkyl;

R_h is independently selected from the group consisting of -H, and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂,

-CN, -OH and -OC₁₋₄alkyl; or, alternatively, R_h is -CH₂CH₂- or -CH₂CH₂CH₂-, optionally substituted with R_i, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring;

- 5 R_i is independently selected from the group consisting of -H, -OH, -OC₁₋₄alkyl and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

- 10 A is selected from the group consisting of:

- a) phenyl, optionally mono-, di- or tri-substituted with R_p;

R_p is selected from the group consisting of -OH, -C₁₋₆alkyl,

-OC₁₋₆alkyl, -C₃₋₆cycloalkyl, -OC₃₋₆cycloalkyl, -CN, -NO₂, -N(R_y)R_z

(wherein R_y and R_z are independently selected from -H or

- 15 -C₁₋₆alkyl, or may be taken together with the nitrogen of attachment to form an otherwise aliphatic hydrocarbon ring, said ring having 5 to 7 members, optionally having one carbon replaced with >O, =N-, >NH or >N(C₁₋₄alkyl) and optionally having one or two unsaturated bonds in the ring), -(C=O)N(R_y)R_z,
20 -(N-R_t)COR_t (wherein R_t is independently -H or -C₁₋₆alkyl),
-(N-R_t)SO₂C₁₋₆alkyl, -(C=O)C₁₋₆alkyl, -(S=(O)_n)-C₁₋₆alkyl (wherein n is selected from 0, 1 or 2), -SO₂N(R_y)R_z, -SCF₃, halo, -CF₃,
-OCF₃, -COOH, -C₁₋₆alkylCOOH, -COOC₁₋₆alkyl and
-C₁₋₆alkylCOOC₁₋₆alkyl;

- 25 b) phenyl, attached at two adjacent ring members to a C₃₋₅alkyl moiety to form a fused 5 to 7 membered ring, said fused ring optionally having a second unsaturated bond, said fused ring optionally having one or two members replaced with =N-, >O, >NH or >N(C₁₋₄alkyl) except that no such replacement is permitted where the fused ring is
30 5 membered and has a second unsaturated bond, and said fused ring optionally having one carbon member replaced with >C=O, the fused rings optionally mono-, di- or tri-substituted with R_p;

- c) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having one or two carbon atoms replaced by N, and optionally mono- or di-substituted with R_p ;
- 5 d) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a three membered hydrocarbon moiety to form a fused five membered aromatic ring, which moiety has one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$ and which moiety has up to one additional carbon atom optionally replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- 10 e) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- 15 f) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$, having up to one additional carbon atom optionally replaced by N, and optionally mono- or di-substituted with R_p ;
- 20 g) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>O$, $>S$, $>NH$ or $>N(C_{1-4}alkyl)$, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms
- 25
- 30

replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;

- 5 h) a 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 heteroatom members selected from O, S, -N=, >NH or >NR_p, having 0, 1 or 2 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0, 1 or 2 substituents R_p ,
- 10 i) a benzo fused 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 additional heteroatom members selected from O, S, -N=, >NH or >NR_p, having 0 or 1 additional unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0, 1, 2, or 3 halo substituents on the benzene ring only and having 0, 1 or 2 substituents R_p ,
- 15 and enantiomers, diastereomers and pharmaceutically acceptable salts, esters or amides thereof.

50. A compound of claim 1 isotopically-labelled to be detectable by PET or SPECT.

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51. A method for studying cancer comprising the step of using an ^{18}F -labeled or ^{11}C -labelled compound of claim 1 as a positron emission tomography (PET) molecular probe.